The XL5980U/XL5900U projector incorporates many features that make it the first choice for ceiling mounted applications. For installation flexibility, lens shift allows horizontal and vertical adjustment to make it unnecessary to position the projector in the middle of the room. A variety of optional lenses are also available and the front panel can be easily removed to facilitate lens replacement. The off-white body colour and attractive top cover blend in with the ceiling and the recessed lens makes it appear that images are always displayed from the centre of the unit. Performance is enhanced with **5500 Lumens** (XL5980U, XL5900U 4200 Lumens) of brightness for highly detailed images that are sure to impress. All this plus quiet **30dB** operation ensures that the XL5980U/XL5900U projector is the smart way to enhance any presentation.

1 High Brightness

- **5500 Lumens (XL5980U)**

Presentations become more appealing and interesting, as the XL5980U produces 5500 Lumens of brightness for extra clarity even when projecting images on large screens. This is the kind of performance that ensures clear, sharp images even in well-lit meeting rooms or conference halls.

2 Flexibility for Installation

- **2-way Mechanical Lens Shift (Vertical & Horizontal)**

Lens shift allows images to be shifted both horizontally and vertically, letting you position the projector conveniently anywhere in the room. Additionally, Digital Keystone Correction reduces line distortion by allowing for vertical correction to create a more natural looking picture even when it is difficult to set up the unit perfectly perpendicular with the screen.

- **Optional Lenses**

A wide variety of optional lenses is available to suit any operating or user requirement.

- **Versatile Input Terminals**

Offering far more operating convenience for system installation, these multimedia data/video projectors are fully equipped with 5 BNC input terminals that allow for a variety of audio-visual and PC peripheral equipment to be connected easily. This kind of versatility is especially welcome when upgrading from a conventional CRT projector or creating a complete system for permanent installation.

- **Enhanced Connectivity**

Two RS-232C serial ports provide enhanced connectivity for extra convenience when hooking up optional accessories.

3 Designed for Installation

- **Attractive Design**

These projectors look as good as they perform thanks to a handsomely designed top cover and recessed lens.

- **Off-White Body Colour**

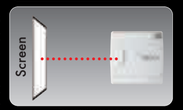
The off-white body colour of these projectors allows them to blend in inconspicuously on the ceiling.

- **Terminal Cover**

After the projector is installed on the ceiling, the terminal cover ensures that no cables are visible.

- **Convenient Design**

The lens-shift feature eliminates the need for precise alignment between the projector and the screen, it also means that these projectors can replace most existing units without the need for drilling new installation holes.



* The projector can be positioned more than eight feet away from the screen.

Impressive Picture Quality

3D CineView

Surpassing the performance of the previous Line Doubler function, 3D CineView realises improved cross colouring and virtually eliminates the "jaggies" for clearer still images with crisp contours. It is also useful for text such as subtitles as characters are sharper and easier to read. Along with the reproduction of beautiful, natural-looking moving images, a significant gain in video picture quality has been achieved, making it possible to recreate images with cinema-like presence.

Without 3D CineView

With 3D CineView

sRGB

Developed to ensure standard, uniform Colour reproduction regardless of the type of display used, sRGB Colour profile technology uses independent Colour coordinates common to all display technologies. As a result, it helps to eliminate hue variations that occur between different display systems and more accurately matches the way colours look in real life.

To find out the details of sRGB, visit us at:
Global.MitsubishiElectric.com/projectors/

Non-sRGB sRGB

Natural Colour Matrix™

Equipped with the third generation of Mitsubishi Electric's Natural Colour Matrix™, these projector models provide vivid and accurate colour reproduction that helps to add realism and appeal to any presentation. This feature now offers TINT adjustment for PC screens in addition to its 6-axis colour correction function, providing precise and easy adjustment of both colour saturation and tone for exquisite image quality.

Without Natural Colour Matrix™

With Natural Colour Matrix™

3D Gamma Correction

The XL5980U/XL5900U projector is equipped with a 3D Gamma Correction feature that helps to ensure the reproduction of more natural colours and accurate gradations. Three modes (video, movie and for PC use) are available, allowing you to optimise the projection image according to the type of picture.

User-friendly Functions

Anti-Theft Alarm

Once the anti-theft alarm is set, unauthorised attempts to remove the projector will cause the alarm to sound. Undetectable externally as it is built-in, the alarm is battery powered and features a "safety pin" that prevents accidental activation during projector maintenance.

Protected by Anti-Theft Alarm
Protegido mediante alarma contra robo
Durch Diebstahlalarm geschützt
Protégé par une alarme antivol

Ultra Quiet Operation – Only 30dBA

Fan noise emanating from a projector can get annoying during a presentation but now that's a thing of the past. The XL5980U/XL5900U projector offers a significantly reduced noise level of only 30dBA (in eco mode). This kind of quiet operation means that the audience can enjoy presentations without distraction.

User Logo Function

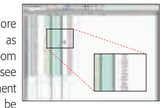
Users can customise the projector to their preference by inserting a corporate name, logo or an image of their choice – such as an original photo that can be edited as desired – on the Splash or Mute screen.

2 Live Picture-In-Picture (Real Motion)

This innovative technology allows you to show two images (two motion/live images) simultaneously on screen. Images from two different sources (PC and video) can be shown together on the main screen and PIP to double the impact of any presentation. An increase in video processing to 60 frames/sec. provides smoother image transitions and it is also possible to zoom in on the picture.

Digital Expanded Zoom

Presentations become more professional and stimulating as Mitsubishi's Digital Expanded Zoom makes it easy to explain and clearly see the details. Variable digital enlargement allows a section of an image to be magnified conveniently, making it ideal for use during lectures, meetings, etc.



A red cross indicates the area expanded and displayed in the PIP on screen.

Disposable Filters

Disposable filters help to simplify the cleaning and maintenance requirements. It is recommended that the filters be cleaned periodically to prolong use. For added convenience, these filters can be easily accessed from the rear without removing the projector from the ceiling mount bracket.

(Optional)

System Operation Remote

To further improve operating ease, the System Operation Remote can be programmed to control DVD players and video recorders connected to the projector.

Line-up

XL5980U XGA 5500 Lumens

XL5900U XGA 4200 Lumens

XL5980LU XGA 5500 Lumens

XL5900LU XGA 4200 Lumens

- The XL5980LU is not equipped with a lens. This allows you to select the most appropriate lens for your requirements.
- The XL5980U shares the same specifications as the XL5980LU but this may vary depending on the type of lens used.
- The XL5980LU produces 5500 Lumens only when equipped with the standard lens.
- The XL5900LU is not equipped with a lens. This allows you to select the most appropriate lens for your requirements.
- The XL5900U shares the same specifications as the XL5900LU but this may vary depending on the type of lens used.
- The XL5900LU produces 4200 Lumens only when equipped with the standard lens.

Optional Lenses

OL-X500SZ

OL-X500LZ

OL-X500TZ

OL-X500FR

Replacement Lamp

VLT-XL5950LP

Model	OL-X500SZ	OL-X500LZ	OL-X500TZ	OL-X500FR
Type	Short Throw Zoom Lens	Long Throw Zoom Lens	Tele Throw Zoom Lens	Rear Projection Short Throw Fix Lens (as axis)
F NO.	F2.0 - F3	F2.5 - 3.2	F2.5 - 3.4	F2.5
f	37 - 44mm	64 - 90mm	93-140mm	22mm
Throw ratio	1.3 - 1.6	2.4 - 3.3	3.4 - 5.2	0.8
Off-set axis	19 (up) : 1 (down)*	19 (up) : 1 (down)*	19 (up) : 1 (down)*	1 : 1 (on axis)
Zoom/Focus	Motorized (1.2 : 1)	Manual (1.4 : 1)	Manual (1.5 : 1)	Manual
Weight	1.4kg/3.1lbs	1.7kg/3.8lbs	1.7kg/3.8lbs	1.7kg/3.8lbs
Length	177mm (max)	204mm (max)	205mm (max)	174mm (max)
Lens diameter	84mm	84mm	84mm	123.6mm

* The lens shift function allows the picture off-set to be adjusted between19:1 (off axis) and 1:1 (on axis). Lens shift cannot be used with OL-X500FR.

Throw Distance

Screen Size (inch)	Standard Lens		OL-X500SZ		OL-X500LZ		OL-X500TZ		OL-X500FR
	Throw distance (m)		Throw distance (m)		Throw distance (m)		Throw distance (m)		Throw distance (m)
	wide	tele	wide	tele	wide	tele	wide	tele	
40	—	—	1.1	1.3	—	—	—	—	—
60	2.3	2.9	1.6	2.0	—	—	—	—	1.0
80	3.0	3.9	2.2	2.6	3.8	5.3	5.6	8.4	1.3
100	3.8	4.9	2.7	3.3	4.8	6.7	7.0	10.5	1.7
150	5.8	7.3	4.1	5.0	7.3	10.2	10.6	15.9	2.5
200	7.7	9.8	5.5	6.7	9.7	13.6	14.2	21.3	3.4
250	9.7	12.3	6.9	8.4	12.2	17.1	17.8	26.7	—
300	11.6	—	8.3	—	14.7	20.6	21.4	32.1	—

Specifications

Model	XL5980U	XL5900U
Display technology	1.3" Polysilicon TFT panel x 3	1.3" Polysilicon TFT panel x 3
Resolution	1024 x 768 dots, 600 video lines	1024 x 768 dots, 600 video lines
Brightness	5500 Lumens	4200 Lumens
Colour	16,770,000 colours	16,770,000 colours
Zoom / focus	Power (zoom ratio: 1.3 : 1)	Power (zoom ratio: 1.3 : 1)
Picture size	60" ~ 300" (100"=3.8 m)	60" ~ 300" (100"=3.8 m)
Source lamp	270W bulb (220W in eco mode)	270W bulb (220W in eco mode)
Computer compatibility	VGA® ~ UXGA® (640 x 480 ~ 1600 x 1200), True: 1024 x 768, Sync on green available	VGA® ~ UXGA® (640 x 480 ~ 1600 x 1200), True: 1024 x 768, Sync on green available
Video compatibility	NTSC / NTSC 4.43 / PAL (including PAL-M,N) / SECAM/PAL-60 / Component Video (DVD / HDTV) (480i, 576i, 480p (525p), 576p (625p), 720p,1080i) SCART (RGB +1V sync)	NTSC / NTSC 4.43 / PAL (including PAL-M,N) / SECAM/PAL-60 / Component Video (DVD / HDTV) (480i, 576i, 480p (525p), 576p (625p), 720p,1080i) SCART (RGB +1V sync)
Input terminals	PC: BNC x 5, mini D-sub 15 pin x 1 Video1: RCA + BNC x 1, Video2: BNC (Y, C) + S video x 1 Audio: Stereo mini jack, RCA (L, R) x 1	PC: BNC x 5, mini D-sub 15 pin x 1 Video1: RCA + BNC x 1, Video2: BNC (Y, C) + S video x 1 Audio: Stereo mini jack, RCA (L, R) x 1
Output terminals	RGB: mini D-sub 15 pin x 1	RGB: mini D-sub 15 pin x 1
Communication terminals	RS-232C x 2 (8 pin), mouse terminal for USB	RS-232C x 2 (8 pin), mouse terminal for USB
Audio speaker	5 W	5 W
Fan noise	30dB (in eco mode)	30dB (in eco mode)
Dimensions (W x H x D)	443 x 176 x 434 mm / 17.4" x 6.9" x 17.1" (with terminal cover)	443 x 176 x 434 mm / 17.4" x 6.9" x 17.1" (with terminal cover)
Weight	9.0 kg / 19.9 lbs	9.0 kg / 19.9 lbs
Power supply	AC100 ~ 240 V / ±10 %, 50/60 Hz	AC100 ~ 240 V / ±10 %, 50/60 Hz

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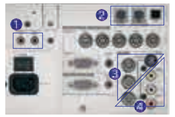
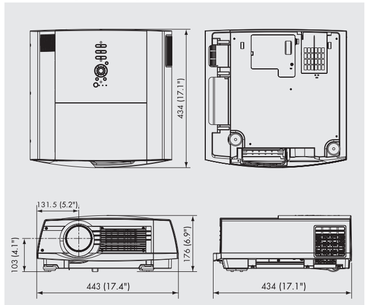
Input and Output Terminals

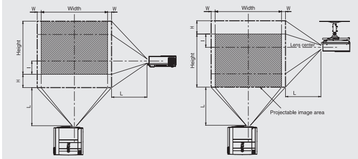


- Wired Remote In & Out
- RS-232C/RS-232C (Serial Mouse) /USB
- S-Video or Y/C (BNC)
- Composite or BNC

Dimensions (unit: mm, inch)



Projection distance at each screen size



Screen size			Distance from screen		Lens shift height		Lens shift width
Diagonal (inch)	Width (cm)	Height (cm)	Minimum zoom (m)	Maximum zoom (m)	I (cm)	II (cm)	W (cm)
60	122	91	2.3	2.9	4.6	43.0	6.2
80	163	122	3.0	3.9	6.1	57.8	8.3
100	203	152	3.8	4.9	7.6	69.5	10.3
150	305	229	5.8	7.3	11.4	103.8	15.4
200	406	305	7.7	9.8	15.2	138.1	20.5
250	508	381	9.7	12.3	19.1	177.4	25.5
300	610	457	11.6	—	22.9	206.6	30.6

* Figures are approximate and may vary from actual measurements.

MITSUBISHI ELECTRIC EUROPE
TRAVELLERS LANE, HATFIELD, HERTFORDSHIRE AL10 8XB
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For more information about our projectors, please see the website at:
www.mitsubishielectric.co.uk/vis

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MITSUBISHI ELECTRIC
Changes for the Better

MULTIMEDIA DATA/VIDEO PROJECTORS

Designed specifically for installation

sRGB
Natural Colour Matrix

XL5980U/XL5900U

XGA/5500 Lumens XGA/4200 Lumens